

CLAIMS

1- Modular plant pot with water evacuation system, support-bracket for joining modules to one another, adequate for situating the lighting element, and closing cover located at the ends of the modules. The whole assembly forms a single plant pot, adequate for installing a self-watering system, characterised in that it is configured by lengthwise modules with or without reinforcement, angular modules, supports-brackets for joining the open modules, closed modules or a combination of both, the closed or ring-shaped supports have their upper surfaces prepared for positioning the basis of the lighting elements, and the covers for lateral closure of the modules. All of the assemblies carried out with the different components of the unified plant pot are complemented by tightening the screw through the holes on the sides of all of the parts (modules, supports and covers), in order to obtain a solid, tightly sealed assembly.

2- Modular plant pot with water evacuation system, support-bracket for joining modules, adequate for locating lighting and closing cover at the ends of the modules according to the first claim, characterised in that the lengthwise module has attached in its lower inferior part a double lateral wall, this lateral wall has a preferred height of $\frac{1}{3}$ of the lateral height of the module. At the top of this double wall, there are a series of sequential holes where the excess water is evacuated. Said water is evacuated to the exterior by a series of holes that the modules have in its inferior surface. These holes facilitate ventilation of the roots and other parts.

3- Modular plant pot with water evacuation system, support-bracket for joining modules, adequate for locating lighting and closing cover at the ends of the modules according to the first claim, characterised in that the lengthwise reinforced module is made up of a double lateral wall and on the lengthwise basis, the lateral wall and from the basis begins on the water evacuation double wall being of lesser thickness. The interior of this double wall is made up of a

series of lengthwise nerves so as to provide the module with greater resistance. Both at its lateral part and its lower part this double wall does not reach the ends to allow joining the supports-brackets and the covers upon assembly.

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4- Modular plant pot with water evacuation system, support for joining modules, adequate for lighting and closing cover at the ends of the modules according to the second and third claim, characterised in that the lengthwise modules with or without reinforcement include lengthwise shoulders on their lower, exterior
10 parts where they rest on the ground, which do not reach to the ends of the modules, in order to lodge the ends of the supports-brackets and closure covers upon assembly.

5- Modular plant pot with water evacuation system, support-bracket for joining
15 modules, adequate for situating lighting and closing cover according to the first claim, characterised in that the angular module preferably comprises angles of between 90° and 135°. These modules include a double wall located on their outer external area preferably at 1/3 of the lateral height of the module. This double wall includes at its upper area a number of holes for water evacuation
20 and for ventilating the roots. The angular modules have holes on the support surface for evacuating water gathered by the holes of the double wall. These angular modules, due to their structure, preferably do not have support shoulders.

25 6- Modular plant pot with water evacuation system, support-bracket for joining modules, adequate for situating lighting and closing cover according to the first claim, characterised in that the support-bracket for joining modules together is made up of a double wall in the form of a slot for lodging the edges of the modules, at its lower inner part includes a wider double wall than those in the
30 modules in order to facilitate assembly among them. The support includes lateral reinforcement located on its lower internal area, this support is complemented by an upside-down-"U"-shaped part situated on the upper part

of the support forming a ring-shaped support, the upper surface is prepared for affixing the basis of the lighting elements. These supports have a number of lateral holes, which facilitate fixing the assembly (support modules), by way of screws.

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7- Modular plant pot with water evacuation system, support-bracket for joining modules, adequate for locating lighting and closing cover, according to the first, second and third claims, characterised in that the modules are joined by way of the support-bracket made up of two "U"-shaped parts, an exterior one with the lateral faces ending in a slightly folded form, which attaches to the ends of the modules upon assembly, and the other part is situated within the interior pressing the ends of the modules, covered by the face that exerts pressure by a rubber surface so that once assembled and screwed together a leak-tight closure is obtained. An upside-down-"U"-shaped part with an appropriate upper surface can be coupled to this support with slots for facilitating screwing and fixing the basis of the lighting element.

8- Modular plant pot with water evaluation system, support-bracket for joining modules, adequate for situating lighting and closing cover at the ends of the modules according to the first, second and third claims, characterised in that the union among the modules is carried out by way of the closed or ring-shaped support-bracket made up of two parts, a closed one that surrounds the ends of the modules and where the upper surface is sized with slots for lodging the screws of the lighting element, and the other, "U"-shaped part is situated within the closed or ring-shaped part, the outer surface of the part is covered with rubber, which when pressed to the ends of the modules by way of the screws, produces a leak-proof seal.

9- Modular plant pot with water evaluation system, support-bracket for joining modules, adequate for situating lighting and closing cover at the ends of the modules according to the first, second and third claims, characterised in that the closing covers that are coupled to the open ends of the lengthwise modules

with / without reinforcement and the angular ones, is made up of the closure side, with double wall rims for lodging the ends of the modules in, this double wall in its lower part widens so that the double wall of the modules can be introduced in it. The peripheral lateral rim features a number of holes for introducing screws when it is fixed to the modules, in order to obtain a solid and leak-proof closure.

10- Modular plant pot with water evaluation system, support-bracket for joining modules, adequate for situating lighting and closing cover at the ends of the modules according to the first, second and third claims, characterised in that the closing cover is made up of two parts, one formed by the flat stopper surface with a peripheral rim extending out of the exterior border of the flat surface, this rim has a number of holes for lodging screws, the other part takes the shape of a "U" with lateral faces slightly rounded at their upper ends, and featuring a number of holes throughout for lodging screws. The part is situated in that which has a rim in its interior and between the two the end of the modules is introduced, in order to join them by way of screws and obtain leak-proof closure.